

3. Disassembly & Reassembly

3.1. Overall Disassembly & Reassembly

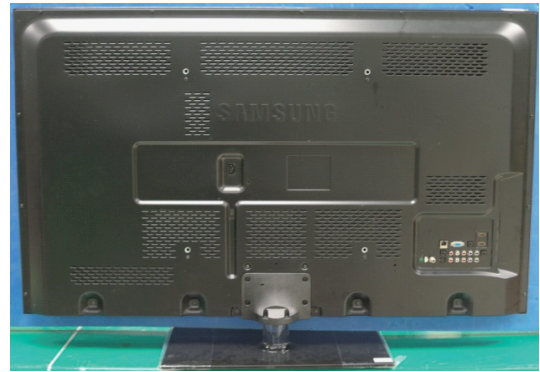


CAUTION

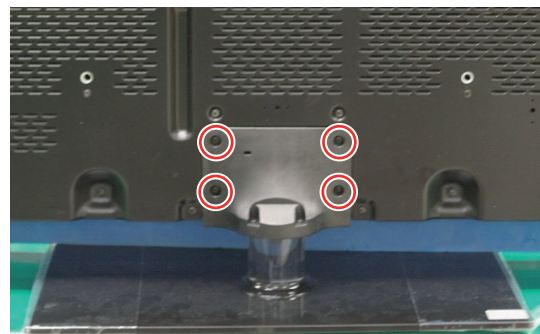
- Be sure to separate the power cord before disassembling the unit.
- Discharge the capacitors first when separating PCB's with high capacity capacitors such as SMPS, X Main Board, Y Main Board, etc. (A spark may be generated by the electric charge, and there is danger of electronic shock.)
- Check that the cables are properly connected referring to the circuit diagram when disassembling or assembling the unit taking care not to damage the cables
- Take care not to scratch the Glass Filter in the front.
- Assemble the boards in the reverse order of the disassembly.
- The plasma must be layed down on a flat padded surface for disassembly and reassembly.

1. Place monitor face down on cushioned table. Remove screws from the Stand. Remove stand.

* Rear view of 51"



<51" PDP>



<51" PDP>

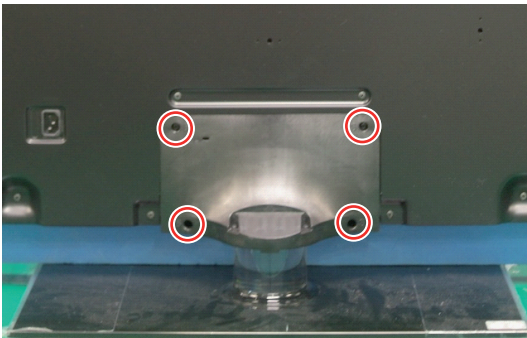


6001-002621 : M4 * L8

* Rear view of 59"



<59" PDP>



<59" PDP>

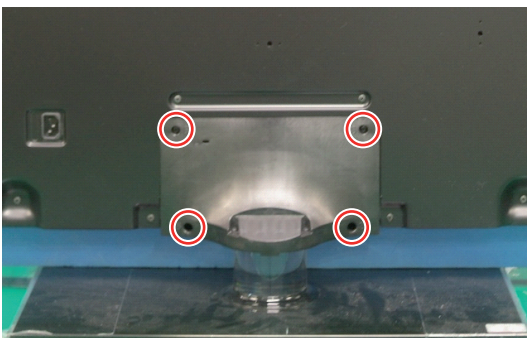


6001-002621 : M4 * L8

* Rear view of 64"



<64" PDP>



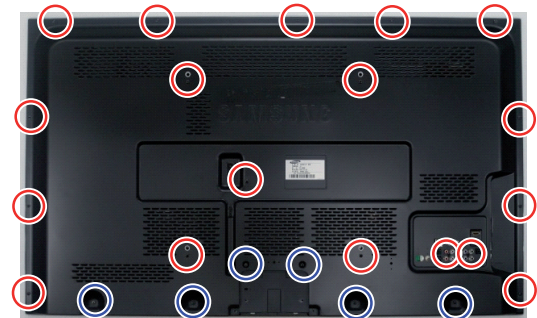
<64" PDP>



6001-002621 : M4 * L8

2. Remove the screws of rear-cover.

* Rear view of 51"



<51" PDP>

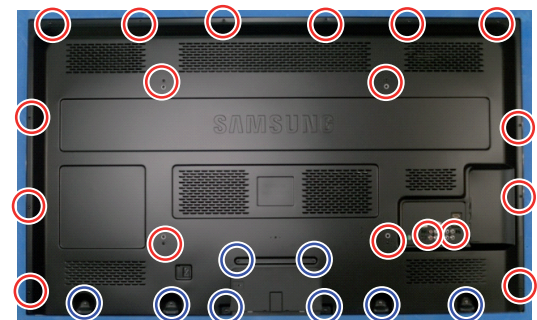


6003-001782 : M4 * L12



6003-000337 : M4 * L10

* Rear view of 59"



<59" PDP>

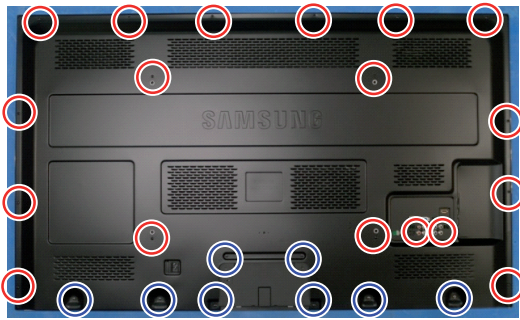


6003-001782 : M4 * L12



6003-000337 : M4 * L10

* Rear view of 64"



<64" PDP>



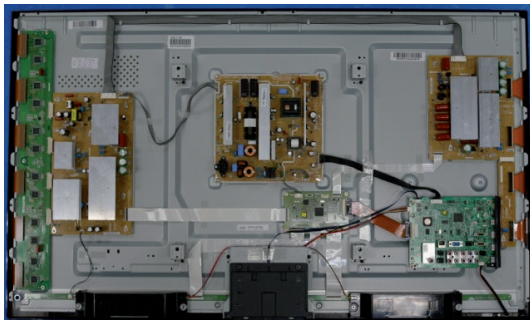
6003-001782 : M4 * L12



6003-000337 : M4 * L10

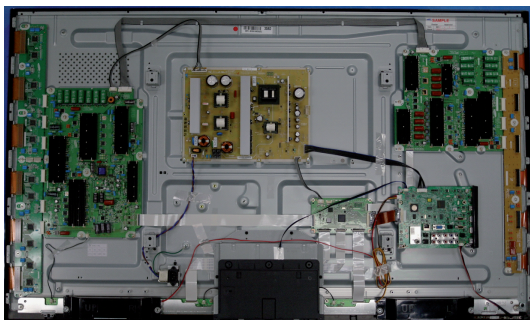
3. Lift up and remove the rear-cover.

* Rear view of 51"



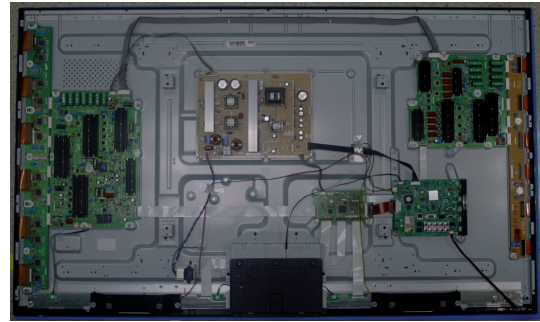
<51" PDP>

* Rear view of 59"



<59" PDP>

* Rear view of 64"



<64" PDP>

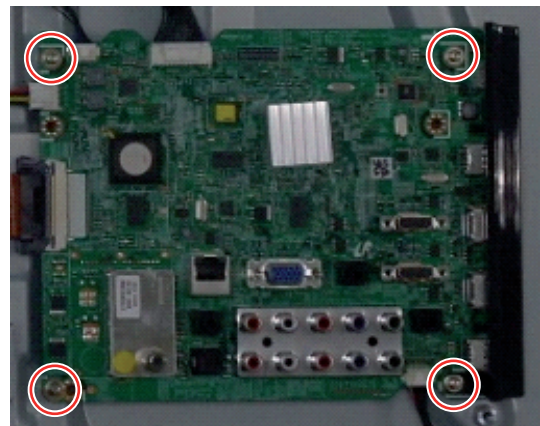
4. Remove the screws of main board.



CAUTION

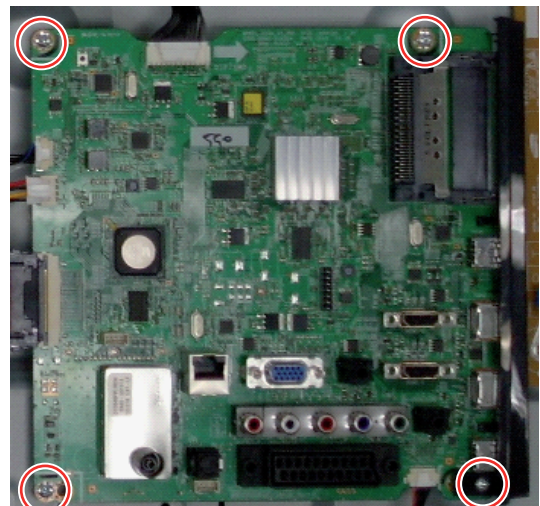
Disconnect all cables prior to removing the boards.

* F85A [EU / KOR], F84A [Latin America], F83A [Asia DTV & Ready]



6001-002606 : M3 * L10

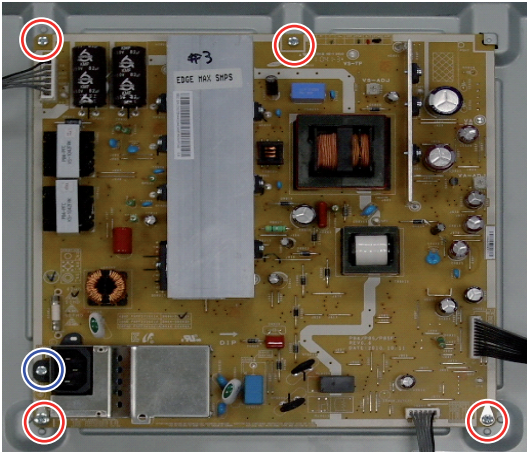
* F82A [EU]





6001-002606 : M3 * L10

5. Remove the screws of SMPS. Remove the SMPS.
* 51" SMPS

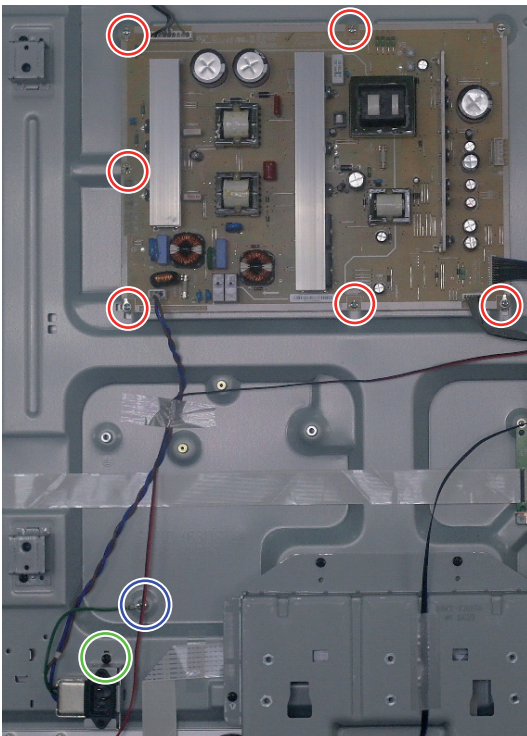


6001-002606 : M3 * L10



6003-001439 : M4 * L8

* 59" & 64" SMPS



6001-002606 : M3 * L10

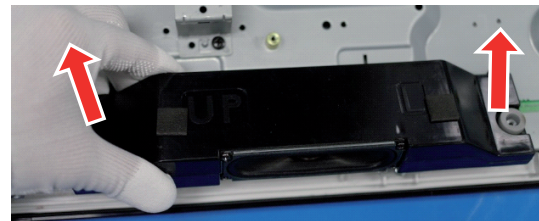


6003-001439 : M4 * L8



6003-000337 : M4 * L10

6. Remove the speakers. (R/L)



7. Remove the Cover Bottom.

* 51"

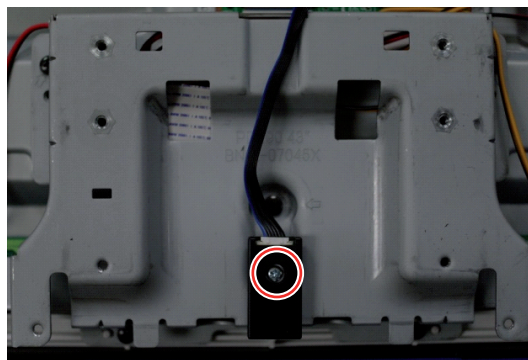


* 59" & 64"



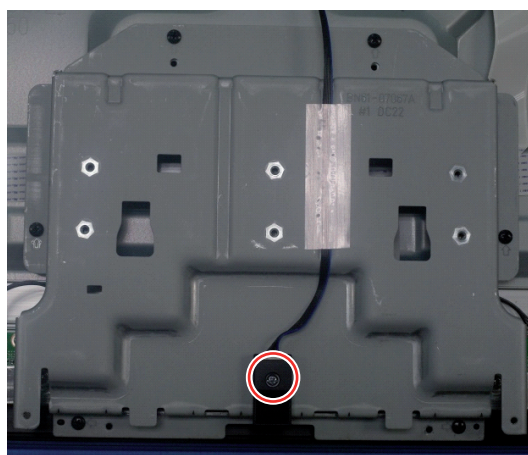
8. Remove the screw of Bluetooth Module.

* 51"



6001-002606 : M3 * L10

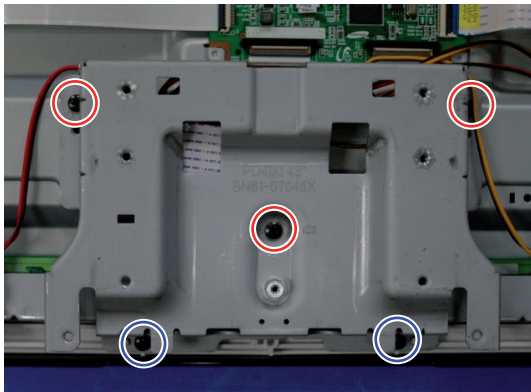
* 59" & 64"



6001-002606 : M3 * L10

9. Remove the screws of Bracket Stand Link. Lift up the Stand Bracket Stand Link.

* 51"

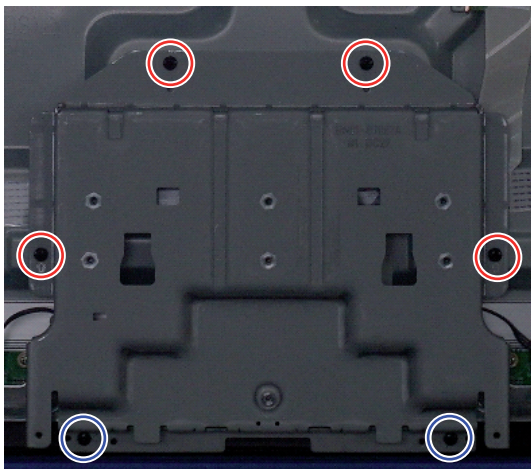


6003-000337 : M4 * L10



6003-001782 : M4 * L12

* 59" & 64"



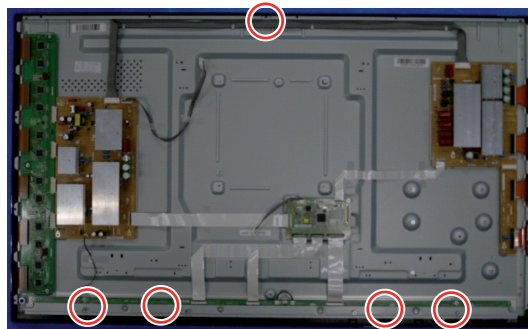
6003-000337 : M4 * L10



6003-001782 : M4 * L12

10. Remove the screws of the front-cover.

* Rear view of 51"

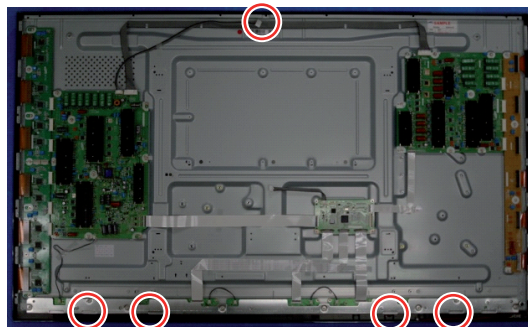


<51" PDP>



6003-001782 : M4 * L12

* Rear view of 59"

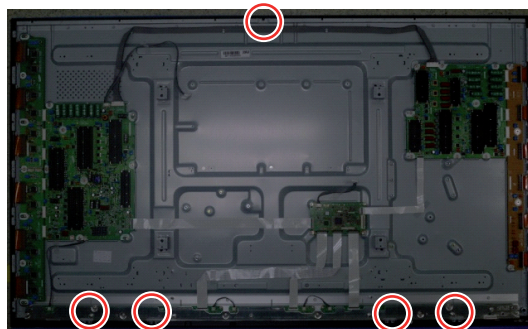


<59" PDP>



6003-001782 : M4 * L12

* Rear view of 64"



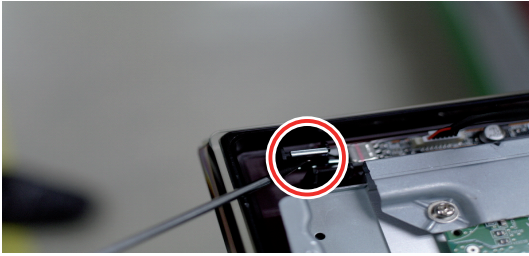
<64" PDP>



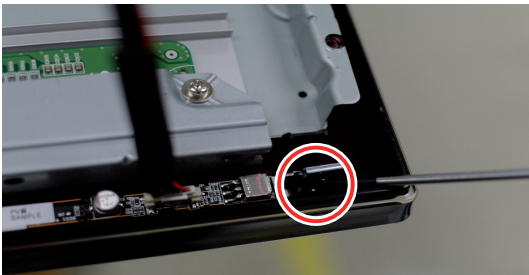
6003-001782 : M4 * L12

3.2. Method for Disassembly of Function Assy

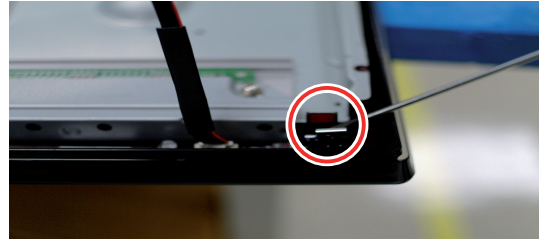
1. Put up the upper Locking, Use screwdriver.



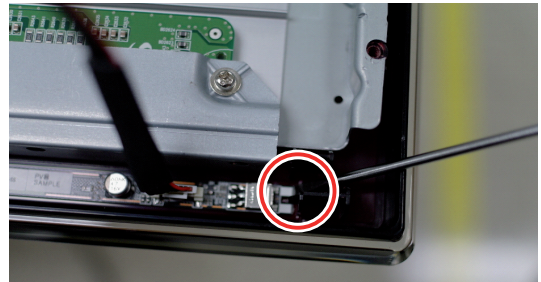
2. Put up the lower Locking, Use screwdriver.



3. Remove Locking.



4. Detach the Function PBA.

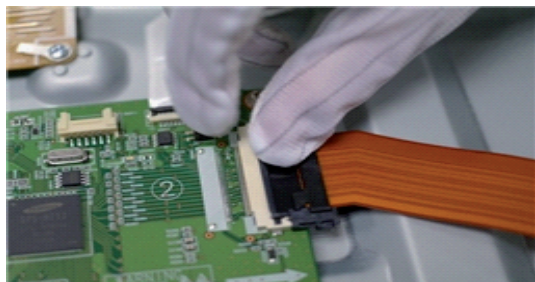


CAUTION

Disconnect all connectors prior to removing boards.

3.3. Method for Disassembly of LVDS

1. Put up the connector locking of logic board.



2. Push the LVDS housing locking.



3. Remove the LVDS.

